

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer-implemented method ~~in a computing environment~~ for determining ~~the~~ an amount of work provided by a health care provider for one or more patients, the method comprising:

obtaining data for one or more patients directly from ~~the~~ a primary clinical information system; ~~and~~

utilizing the data to calculate a work score for each of the one or more patients, wherein the work score indicates a quantity of personnel hours anticipated to serve each of the one or more patients; and [[.]]

storing the work score.

2. (Currently Amended) The method of claim 1, further comprising:
receiving a request for a work score for each of the one or more patients.

3. (Currently Amended) The method of claim 2, further comprising:
obtaining factors that indicate work for each of the one or more patients.

4. (Currently Amended) The method of claim 3, further comprising:
determining which of the factors are triggered by the data for each of the one or more patients.

5. (Original) The method of claim 4, wherein each factor has one or more assigned values.

6. (Original) The method of claim 5, further comprising:
adjusting the value of one or more triggered factors based on rules if
needed.
7. (Original) The method of claim 5, further comprising:
obtaining rules for generating a work score for each of the one or more
patients.
8. (Original) The method of claim 7, further comprising:
utilizing the rules of triggered factor values to generate a work score for
each of the one or more patients.
9. (Original) The method of claim 1, wherein the data is one of outstanding
orders, outstanding tasks, complete orders, completed tasks, services provided by personnel over
a period of time, scheduled procedures, scheduled outpatient care, assigned tasks, assigned
orders, assessment, tasks, services typically delivered for a specific patient or patient type and
combinations thereof.
10. (Original) The method of claim 1, wherein the work score is prospective.
11. (Original) The method of claim 1, where the work score is retrospective.
12. (Currently Amended) A computer-implemented method ~~in a computing~~
~~environment~~ for determining the amount of health care provider work for a population of
patients, the method comprising:
utilizing data obtained directly from a [[the]] primary clinical information
system to calculate a work score for each patient in a patient population, wherein

the work score is a value that indicates an amount of work to treat each patient in the patient population; and

storing the work score; and

calculating staffing needs for the population based on the work scores obtained for the patients in the patient population.

13. (Original) The method of claim 12, further comprising:

receiving a request for the work for the patient population.

14. (Original) The method of claim 13, further comprising:

determining the patients in the population.

15. (Original) The method of claim 14, further comprising:

obtaining the work factors for the population.

16. (Original) The method of claim 15, further comprising:

determining which of the factors are triggered by the data for each patient in the population.

17. (Original) The method of claim 15, wherein each factor has an assigned

value.

18. (Original) The method of claim 17, further comprising:

adjusting the value of one or more triggered factors if needed.

19. (Original) The method of claim 17, further comprising:

obtaining rules for generating a work score for each patient in the population.

20. (Original) The method of claim 19, further comprising:

utilizing the rules and triggered factor values to generate a work score for each patient in the population.

21. (Original) The method of claim 20, further comprising:

accumulating the work scores for all patients in the population.

22. (Original) The method of claim 21, further comprising:

obtaining staffing standards for the population.

23. (Original) The method of claim 22, further comprising:

calculating staffing needs based on the work scores obtained for the patients in the patient population and the staffing standards for the population.

24. (Original) The method of claim 12, wherein the data is one of outstanding

orders, outstanding tasks, completed orders, completed tasks, services provided by personnel over a period of time, scheduled procedures, scheduled outpatient care, assigned tasks, assigned orders, assessments, tasks, services typically delivered for a specific patient or patient type and combinations thereof.

25. (Currently Amended) A computer system for determining the work for one or more patients, the system comprising;

means for obtaining data for one or more patients directly from a [[the]] primary clinical information system; and

means for utilizing the data to calculate a work score for the one or more patients, wherein the work score is a quantity of personnel hours required to serve the one or more patients by a healthcare provider.

26. (Original) The system of claim 25, further comprising:

means for obtaining factors that indicate work for the one or more patients.

27. (Original) The system of claim 26, further comprising:

means for determining which of the factors are triggered by the data for the one or more patients.

28. (Original) The system of claim 27, further comprising:

means for obtaining rules for generating a work score for each of the one or more patients.

29. (Original) The system of claim 28, further comprising:

means for utilizing the rules and triggered factor values to generate a work score for each of the one or more patients.

30. (Currently Amended) A computer system for determining the work for a population of patients, the system comprising;

means for utilizing data obtained directly from a [[the]] primary clinical information system to calculate a work score for each patient in a patient population, wherein the works score is a value to indicate an amount of work required to serve each patient of the patient population; and

means for calculating staffing needs for the population based on the work scores obtained for the patients in the patient population.

31. (Original) The system for claim 30, further comprising:

means for determining the patients in the population.

32. (Original) The system of claim 31, further comprising:

means for obtaining the work factors for the population.

33. (Original) The system of claim 32, further comprising:

means for determining which of the factors are triggered by the data for each patient in the population.

34. (Original) The system of claim 33, further comprising:

means for obtaining rules for generating a work score for each patient in the population.

35. (Original) The system of claim 34, further comprising:

means for utilizing the rules and triggered factor values to generate a work score for each patient in the population.

36. (Original) The system of claim 35, further comprising:
means for accumulating the work scores for all patients in the population.
37. (Original) The system of claim 36, further comprising:
means for obtaining staffing standards for the population.
38. (Original) The system of claim 37, further comprising:
means for calculating staffing needs based on the work scores obtained for the patients in the patient population and the staffing standards for the population.
39. (Currently Amended) A computer-readable medium having computer-executable instructions embodied thereon for performing a method, the method comprising:
obtaining data for one or more patients directly from a [[the]] primary clinical information system; and
utilizing the data to calculate work for the one or more patients, wherein work includes a measure personnel hours anticipated for the one or more patients.
40. (Currently Amended) A computer readable medium having computer-executable instructions embodied thereon for performing a method, the method comprising:
utilizing data obtained directly from a [[the]] primary clinical information system to calculate a work score for each patient in a patient population, wherein the work score is a quantity of personnel hours required to serve each patient in the patient population by a healthcare provider; and
calculating staffing needs for the patient population based on the work scores obtained for the each patient ~~patients~~ in the patient population.

41. (Original) A computerized system for optimizing personnel planning in a healthcare organization, the system comprising:

a work calculation module for calculating a work score for one or more patients;

a staff scheduling and staffing module for identifying healthcare personnel positions to be filled;

role management module for managing the roles and information regarding personnel;

a workforce outcomes module for determining how effectively healthcare personnel have been used;

a demand forecast module for forecasting the volume and type of patients who will present; and

a resource dashboard module for displaying information regarding personnel and patients.

42. (Original) The system of claim 41, further comprising:

an enterprise scheduling module for identifying information regarding appointments for outpatient procedures.

43. (Original) The system of claim 42, further comprising:

a shift assignment module for displaying one of the capacity, availability and combinations thereof of personnel currently working.

44. (Original) The system of claim 43, further comprising:

a registration module for identifying and tracking patient registration census and activity.

45. (Original) The system for claim 44, further comprising:

a medical records module for capturing and storing patient data.

46. (Original) The system of claim 45, further comprising:

a patient severity module for providing information regarding the status and conditions of patients.

47. (Original) The system of claim 46, further comprising:

a departmental tracking module for tracking patients through different departments.

48. (Original) The system of claim 47, further comprising:

a personal work queue module for tracking and displaying work to be performed by individual personnel.